

Lodi Amateur Radio Club

newsletter for

June 2021

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CLUB MEETING ANNOUNCEMENT

Mark your calendar and join us on Zoom:

Thursday, June 3rd, 6:30 PM

Meeting program:

"Field Day 2021"

Ham radio's premier annual event

To join the meeting via Zoom, see the instructions on page 2.

Welcome to our Wednesday night nets:

- | | |
|---|----------------|
| • Simplex net: 147.090 (simplex) | 6:30 pm |
| • Club net: 147.090 (repeater, PL 114.8) | 7:00 pm |
| • 10 meter net: 28.400 (USB) | 8:00 pm |

ZOOM INSTRUCTIONS FOR CLUB MEETING ON JUNE 3rd:

Bob Officer is inviting you to a scheduled Zoom meeting.

Topic: Bob Officer's Zoom Meeting

Time: **Thursday, June 3, 2021 6:00 PM Pacific Time.** (The meeting starts at 6:30 pm – sign in any time after 6:00.)

Join Zoom Meeting (click this link or copy and paste the URL into your browser):

<https://us02web.zoom.us/j/7642652231?pwd=MkVyVjVEQm1TcjVBUFVtK3lyOWV2QT09>

Meeting ID: 764 265 2231

Passcode: LODIARC

One tap mobile

+16699009128,,7642652231#,,,,*4202205# US (San Jose)

Dial by your location: 669 900 9128 US (San Jose)

Meeting ID: 764 265 2231

Passcode: 4202205

**Show your colors
on Field Day!**
Get your Lodi ARC
T-shirt and baseball
cap: see page 11.

ARRL VHF CONTEST JUNE 12-13

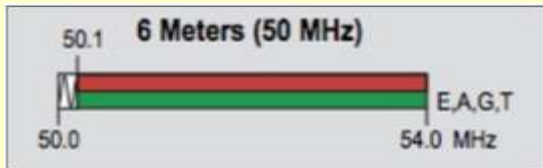
The ARRL's three annual VHF contests are among the most popular of all, in large measure because Technician class hams can compete on a fully equal basis with everyone else. The objective is to work as many stations as possible, in as many different grid squares as possible, on the VHF and UHF ham bands, 6 meters and above. This year's June contest runs from 11:00 am Saturday through 7:59 pm Sunday, local time, June 12-13.

Since those frequencies normally are limited to line-of-site QSOs, you may want to set up a portable station somewhere that gives you an altitude advantage, like many operators do in our 2-meter sprint contests. With luck, 6 meters will open up at some point during the event and you'll be able to work skip into other states and greatly increase your score. It happens!

If you need information about the grid square at your operating location, [click here](#). Generally, our members' home stations are either in CM97 to the south, or CM98 to the north, with the approximate dividing line along Swain Road in Stockton. Check the link to be sure of the grid square at your contest site.

You can find all the details on the ARRL website: [click here](#). Be sure to open and download the full contest rules (link at the bottom of the page).

LET'S GET ON SIX!



In our May Zoom meeting, the members discussed getting active on 6-meters, which brings a lot of advantages with both local and DX propagation. The antennas can be relatively simple, and several antenna options were reviewed during the meeting,

including yagis, dipoles, multiband wires, and omnidirectional loops. You can even make a 40-meter dipole work—the 7th harmonic lands in the low end of 6 meters; perfect for SSB. (Many antenna work quite well on odd-numbered harmonics of the fundamental frequency.)

Six meters brings another major advantage for a lot of our members: Technicians have full privileges on the band; all modes and maximum power.

In an earlier era before the advent of repeaters, six meters was widely used in our region with considerable success, using AM transmitters and various horizontal antennas. With SSB, we should be able to do even better, which generates interest in a new 6-meter net. Our Net Operations director Bob, N6TCE would like to get one started and see what we can do with it. If you'd like to join the fun, figure out some type of *horizontal* 6 meter-capable antenna if you don't already have one. Vertical antennas should be avoided on Six; the polarization loss is enormous. The standard on Six is horizontal for local comms. That's less of an issue with DX due to the atmospheric bounce, but 90+ percent of your 6-meter QSOs will be local. The rule of thumb on Six is, go horizontal for success.

Here are several 6m antenna ideas, and thanks to WB6BET for most of these suggestions:

[3-element beam](#)

[PAR delta loop](#)

[Omnidirectional 6-meter halo](#)

[“Squalo” omnidirectional loop](#)

[Off-center fed multiband antenna](#)

[Hex beam 40-6 meters](#)

[Fan dipole](#)

[“Hentenna” \(3 db gain\)](#)

[G5RV 40-6 meters](#)

[6-meter Moxon](#)

And of course, a simple dipole would also work—it's only a little over 9 feet end to end.

The first net will be at **12:00 noon** Pacific time, **Saturday, June 19th** on **50.135** mHz USB. Mark your calendar, work on your antenna between now and then, and log in on the 19th. If the net is successful, it will repeat each week on the same day and time. Refer any questions or comments to N6TCE on the 2-meter net or via email: N6TCE@arrl.net.

See you Saturday 6/19 on 50.135!

FIELD DAY JUNE 26-27

Once again this year, the coronavirus is making it tough for the club to hold its traditional Field Day event. With various federal, state, and county restrictions still in place (and not always in agreement) it gets really hard to plan whatever we want without creating a potential liability hazard for our site host, and we can't have that. So we'll basically do what we did last year: roll your own Field Day participation and simply assign your points to the club.

Important: giving your points to the club must be done correctly, or it won't count. Here's how:

1. On the [2021 Field Day Entry Form](#), notice the field (box) near the top labeled *Club or Group Name*.
2. Type in the box: **Lodi** (case doesn't matter).
3. A menu will appear immediately below, with "Lodi ARC" the only choice.
4. Click "Lodi ARC." That will automatically populate into the box in the correct format.
5. Complete the rest of the form per the instructions.

Our Zoom meeting on June 3rd will be entirely devoted to Field Day, to be conducted as a roundtable. See pages 1 and 2 for info on attending the meeting. Be prepared to discuss what plans you have to participate, if any. You may find that if you didn't have any particular Field Day plan at the start of the meeting, you might have one by the time it concludes.

As with last year, the club will award prizes to the top scorers in various categories, like the most QSOs by each license class, the most QSOs on each band or mode, the best multi-operator score, etc. There also will be a significant bonus for mentoring a recent licensee (less than two years) at your Field Day site, during which you provide one-on-one coaching for the new ham's first Field Day operating experience. For more details, be sure to check into, or at least monitor our Wednesday night 7:00 pm nets through June 23rd.

NOW HEAR THIS!

News & announcements from your Board of Directors

* * * * *

From the President, Barry, K6ZZD:

Do you include ham radio in your travel plans or do you take a vacation from radio? I am only twelve years into this hobby/service (passion?) and I generally include radio in my vacation plans (to date, not when traveling overseas). We use our travel trailer often and I think about taking a vacation from radio as I make decisions about what I am going to bring or not bring on a given trip. Several revisions of my packing list come and go. In the end, I generally decide

that less is more and travel with a skeleton kit. I am going through the process now as we prepare for our trip.

Things don't always go as planned. When I arrive at a destination, I find I don't always have much time to operate. I have also spent time programming repeaters into my VHF rigs only to find that the repeaters are quiet. Conditions aren't always great. Operating HF in an RV park often means dealing with the noise created by substandard electrical hookups. Staying hotels and motels creates an entirely different set of problems.

Of course, there is value in having a VHF rig for emergency communication. I can usually raise someone on 146.520. Most trailer folk use cell phones or CB radios (4 watts of foul language and frustration) for communication while on the road. We had a few licensed hams in our group as we traveled through Alaska and in many instances, we did step up to VHF because cell phone reception was poor, and CB was not getting the job done. When all else fails.

To accommodate the limited storage in our travel trailer, I generally decide upon low power rigs. I make fewer but probably more satisfying contacts. I was operating 10 watts using a loop antenna in an RV park in the Lompoc area. I contacted a ham in the Denver area sitting at a picnic table operating 10 watts using the same radio with a loop antenna. I was transmitting on a 220-repeater frequency in the Santa Barbara area using my handheld. I had a nice conversation with a ham who, it turned out, was parked about three trailers away from me. Serendipity. Those small victories and a smaller footprint make low power a good choice for travel.

As you read this I am traveling in the Rockies. I don't know what I finally decided to bring but it is probably a skeleton kit. Is there a good reason to take a vacation from ham radio? I think there is at least a reason put radio on the back burner. There is more to life than mHz, but I usually bring at least some ham equipment when we travel. And though the equipment is available, I am easily distracted by interesting people and other diversions.

Footnote: if you are considering bringing radio equipment into a foreign country be sure to research the rules that apply. Canada and Mexico are easier, but they are still foreign countries.

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From the Secretary, Jim, WB6BET:

June is Field Day month, so start planning your operation. Like last year, there will be no group function. Remember that all amateur bands can be worked for FD, so everyone can participate. Last year we had 21 club members operating. Let's see if we can top that number this year.

**Do you qualify for \$10 off the purchase of club T-shirts or baseball caps?
See page 11 in the [January newsletter](#).**

* * * * *

From the Immediate Past President, Emilia, KI6YYT:

The 2021 LARC Mobile Roundup: the weather was good for this year's Roundup. About a dozen members gathered at the Lodi McDonald's, which has been great for this event in the past: central location, plenty of parking, and breakfast/coffee. This year, with only drive-up available for food service—not so good.

Despite no morning coffee for those attending, the group enjoyed catching up on radio topics. Kenny, AL7PS, brought his emergency equipped vehicle, complete with a solar power source. There was discussion about how to do new radio installations by several people. I'm sure they were able to check out a number of possible options from the various setups that were present.

While the attendance was lower than in past years, all those present enjoyed the gathering. At the conclusion of the Roundup, several members went on to their chosen operating site for the 2-meter Sprint contest. A couple Sprint operators were unable to attend the Roundup due to travel time to arrive at their operation sites. Jim and I were fortunate to be able to participate in both events.

(Now Hear This continued on page 7)

SPRINTING INTO SPRING

The third 2-meter "sprint" contest in our area was held on Saturday, May 15th. The sprint contests are intended to promote simplex operation on VHF and to help operators acquire and improve both their simplex and contesting skills. It's also a good opportunity to check out your remote site portable setups, in preparation for Field Day or perhaps the ARRL VHF contest.

Participation in the *Spring Sprint* was light, but everyone enjoyed a spirited and successful event. For those deployed to remote sites, the weather could not have been better.

Among the logs submitted by the May 23rd deadline, these are the category leaders:

<u>Category</u>	<u>Score</u>	<u>Station</u>
"A" (up to 5 watts):	13	K6AAN
"B" (6-49 watts):	11	K6DGQ
"C" (50 watts or more):	13	WB6BET
"D" (2 ops, 1 new ham):	12	K6IWF with KG7OR

FB to N6TCE and the Shirley Rose AD6KU DX Contest Club for promoting and conducting the *Spring Sprint*.

Now Hear This! (continued from page 6)

* * * * *

From the Net Operations Committee, Bob, N6TCE:

Hello everyone, and thank you for making the Lodi ARC's Wednesday night 7:00 pm net an outstanding feature in our area. As our net has grown, so has our club's roster.

When you use the repeater, always be mindful that new hams are *listening* to you—they will learn by whatever you say and do. Be polite. Try not to quick-key the repeater. Avoid very long transmissions that deny another user an opportunity to speak. Remember to ID when it's required by the rules.

The preamble to our net and most others includes a call for “emergency or priority traffic.” *Traffic* is an announcement or formal message. *Priority traffic* refers to anything of importance that might not otherwise be heard on the net. For example, some net participants close down shortly after checking in rather than monitoring the entire net—*priority* traffic is taken right away so that everyone can get the message. *Emergency traffic* is self-explanatory: you have information regarding an immediate hazard to life or property and the radio net is an effective way to announce it or call for help.

Relaying or delivering a formal message really isn't hard. It's disheartening to hear a ham bring up the repeater and ask for someone to take traffic for delivery—too often, the request is met with silence. The usual reason is a perception that traffic handling is difficult or bothersome. Well, it isn't. Most local message traffic is delivered simply by a free call from your cell phone. Long distance traffic is typically handled by convenient software such as *RMC WinLink Express 2000*; also simple and free. There is little excuse for not doing it.

There are formal nets for processing message traffic. A new message is sent to a regional National Traffic Station (NTS) that relays it to a receiving NTS, which forwards it to a station close to the recipient. The delivering operator simply calls the phone number on the message and reads it to the recipient.

A formal message sent by radio is a *radiogram*. Here are some helpful links for learning about the radiogram form and how to originate and handle message traffic:

[Radiogram form](#)

[Compose a radiogram \(Youtube\)](#)

[National Traffic System \(NTS\)](#)

So where and when might you see a radiogram used? In our area, a likely scenario would be a large wildfire. Example: a fire takes out cell towers, power lines, and the Internet. The Red Cross deploys to the area and operates evacuation shelters. The local county emergency coordinator (EC) requests operators to set up at the shelters to handle health and welfare traffic.

Why use written, formal radiograms instead of just talking freely on the repeater? Radiograms save time, ensure accuracy, and are far more effective than any informal method, especially when inexperienced operators or even non-hams get involved on the air.

Radiograms and traffic handling will probably be a hands-on program topic for us when we can get back to in-person club meetings. It's a very worthy and important skill for every ham.

FOR THE NEW HAM



For the fifth installment in this series, let's talk about the communications clock. We live in the Pacific time zone and have learned to keep time with a 12-hour AM/PM system, but neither of those are particularly useful in ham radio activities that span multiple time zones. Hams need some different habits.

First, you may have to get comfortable with the 24-hour timekeeping system. It's very simple: hours and minutes are usually expressed in four digits without any punctuation, like **1200** for noon (stated as "twelve hundred"). After you move past the noon hour, you simply continue with **1300** for 1:00 pm, **1400** for 2:00 pm, and so on. The final hour of the day ends at **2359**. That method brings some distinct advantages in radio communication, starting with the fact that only four digits are required on data modes. Example: saying "11:16 PM" for 2316 requires 8 digital characters instead of 4, and it invites confusion in case the "PM" is missed, garbled, or not understood.

You may know 24-hour time as "military time" in everyday parlance, but that's a misnomer. The 24-hour clock is very widely used in many civilian occupations (public safety, hospitals, telephone companies, etc.), and it's even the standard in certain other languages. 2:00 pm, for example, is "14.00" in German and "14h00" in French.

Next, about time zones. In international communications, you need only one: **UTC**, which is the initials for the French words meaning "Coordinated Universal Time." That's the time at the zero meridian of the globe, which passes through Greenwich, England, the site of British Royal Observatory. "Greenwich Mean Time"

(GMT, later superseded by UTC) became the accepted worldwide standard for "international" time. UTC can also be expressed as "Zulu" time, referring to the letters of the alphabet that identify each time zone. Pacific Daylight Time is the "T" (Tango) zone. The "Z" zone matches UTC, so you may see or hear that letter appended to the four-digit time to confirm what you're talking about, i.e. "0200Z" if it's written, or "Zero two hundred Zulu" when spoken.

UTC is eight hours ahead of Pacific Standard Time and seven hours ahead when we switch to Daylight Savings Time. You can just do the math if you're comfortable with that, but nearly everyone who works international QSOs, and a great many who don't, maintain a separate clock set to UTC for their amateur radio time-keeping. If you use a computer dedicated to ham applications, a good option is to set its system clock to UTC, giving you a visual UTC indicator without the need for a separate clock. As a bonus, your computer clock is dead-on accurate; kept that way via the Internet.

For decades, hams have relied on the GMT and UTC time broadcasts sent by WWV and WWVH, mainly on 5.0, 10.0, and 15.0 MHz. You can also get a simulation of those broadcasts online at <https://www.mcodes.org/>, with inserted audio and time accuracy that equals what you can copy on the air.

One important precaution in using UTC: since it's seven or eight hours ahead of our local time, you must be cognizant of the date change in your log. Your Field Day QSO that starts at 7:00 pm PDT on June 26th will do so at 0200 UTC on the 27th. Watch out for that date change when your time conversion goes across midnight.

WHY I BECAME A HAM

Chapter 7: Mike Finney, KN6JKC

Editor's note: the club has done very well in the past couple of years in attracting many new hams to our roster, several of whom have demonstrated a commendable zeal in learning the ins and outs of ham radio and applying what they learn. KN6JKC is in that league, and we're pleased to include his story here. Do you know another member with a good "*why I became a ham*" story? Please send me your suggestion and I'll take it from there. —KG7OR



My interest in radio goes back to 1971 (age 12) when I bought an antique short wave receiver at a yard sale. I connected it to an old TV antenna on the roof of our house and soon discovered that at night I could listen to broadcasts from all over the globe. I was particularly fascinated by Radio Havana. Thanks to the magic of radio, those evil communists that I'd only known as the subject of news broadcasts were now shouting propaganda at me through my speaker! The signals from Quito, Ecuador were also entertaining. The BBC was informative but lacked the passion of the Central American and Caribbean broadcasts.

My brother-in-law suggested that I check out ham radio. I did some research and found that I would have to learn Morse code to get a Novice class license. I began studying, but soon quit when I realized that it would not be a trivial undertaking.

I joined the Navy at age 18 and was trained as an electronic technician, working on radar and cryptographic equipment at a base in the Azores, then a couple years on an ammunition ship where I learned to fix all of the ship's radar, radio, and navigation gear. My last year and a half was spent rebuilding UHF multicouplers on shore duty in San Diego.

Coming out of the Navy, I was fortunate to get hired as a technologist at Lawrence Livermore Lab. After a few years, my focus shifted from RF heating and confinement systems to control systems for giant lasers. My RF skills went dormant. While working at the lab, I attended college part-time, eventually getting a BS in electrical engineering from the University of the Pacific. That was followed five years later by an MBA in Technology Management from the University of Phoenix. I retired from the lab as an engineer on September 1, 2018.

(continued on next page)

Ever since the Loma Prieta earthquake, I've felt that I should devote some time and energy to disaster preparedness. I finally decided to get busy in retirement. I began to stockpile food, propane, and household supplies, and put together an impressive first aid kit. It occurred to me that some form of emergency communication equipment might be necessary. I remembered reading about how radio hams provided the only communications channel into Paradise, California after it was destroyed by wildfires. I poked around on the Internet and found that Morse code was no longer required to get a license. All I had to do was dust off some of the old radio theory and learn the stuff that is specific to ham radio. It seemed doable.

I mentioned my plan to some friends at church, Mark and Gigi Kemalyan. I thought we should develop an ability to communicate with each other and the rest of our church members in the event of a disaster. Gigi immediately caught fire and quickly got her license (she's now K6IWF). I got mine about a month later.

I then focused on putting together a ham shack in a backyard shed, with a lot of advice from KG7OR and N6TCE. I ended up with a Yaesu FT-991A multiband radio and a Comet GP9 antenna over my roof. I'm very happy with both of them. I attend the 2-meter nets for the Stockton and Lodi clubs as often as I can and occasionally make the Manteca net. I have also become active in SJCARES.

I am now searching for a horizontally polarized antenna that will allow me to communicate on the 6-meter band as well as the HF bands. I am studying for General class in my usual slow, methodical way. My shack is also going to need an auxiliary power source, as it is currently fed by a single 20-amp breaker. The presentation on solar power that K6FVC gave at a recent SJCARES meeting looks intriguing. I may try to put together something like that. I'm hoping that my participation in SJCARES will enable me to gain the proficiency in emergency communication that I initially sought by becoming a ham.

MARK YOUR CALENDAR

June

- 3 Club meeting, 6:30 pm, Zoom
- 5-6 [Museum Ships Weekend](#)
- 12-13 ARRL VHF contest (see p. 2)
- 15 Board meeting, 6:30 pm
- 19 6-meter net, 50.135 MHz, 12:00 noon
- 22 [SJCARES](#) meeting, 7:30 pm, Zoom
- 26-27 Field Day

July

- 1 Club meeting, 6:30 pm
- 20 Board meeting, 6:30 pm
- 27 [SJCARES](#) meeting, 7:30 pm, Zoom

August

- 5 Club meeting, 6:30 pm
- 17 Board meeting, 6:30 pm
- 24 [SJCARES](#) meeting, 7:30 pm, Zoom

September

- 2 Club meeting, 6:30 pm
- 11-12 ARRL VHF contest
- 21 Board meeting, 6:30 pm
- 28 [SJCARES](#) meeting, 7:30 pm, Zoom

**Every Wednesday, simplex net on
147.09 MHz, 6:30 pm. Club net on
WB6ASU repeater, 7:00 pm.**

[Click here for the ARRL Contest Corral - June](#)

SWAP MEET

Welcome to our virtual swap meet. If you have any item of radio-related equipment that you'd like to buy, sell, trade, find, or even give away, [send the info](#) and we'll list it here. Include your name, call sign, email, and phone number. *Swap Meet* is open to all; you don't need to be a Lodi ARC member.



- Lodi A.R.C. baseball caps and T-shirts. Caps \$15.00, shirts \$10.00. Prices are subject to change and are limited to stock on hand, although the club will order more as needed. Specify shirt size, M – 3XL. Pay by PayPal, check, money order, or cash (exact change only for cash). See page 15 for payment instructions. For more info or to place an order, contact Ron, KG7OR, 209-712-6200, KG7OR@arri.net.



- Heathkit SB-220 KW linear with King 6-mtr conversion and new upgrade boards. [Click here](#) for info. "925 watts out all day" on Six. \$900 o.b.o. Bruce, AH0U, 925-623-4388, AH0U@arri.net
- Yaesu FTM-3200DR 2 meter FM & digital transceiver, 65 watts, with mobile bracket, mic., and power cable. [Click here](#) for info. \$100 o.b.o. Joe, N6NPG, 209-283-4880, N6NPG@icloud.com.
- Icom IC-PS15 20 amp transformer power supply, \$100 or best offer. (Excellent for the above Yaesu radio, or any VHF/UHF transceiver and most HF transceivers). [Click here](#) for photo and reviews. Dave, WB6TOU, 209-368-5878, WB6TOU@arri.net.
- **Price reduced.** Kenwood [TS-2000](#), all-mode transceiver, 160m – 70cm. Dual receive, 100 watts on 160 meters thru 2 meters, 50 watts on 70cm., built-in antenna tuner. Everything works as expected. \$650 or make an offer. [Click here](#) for ARRL review. John, K6YK, 209-462-7391. K6YK@arri.net.
- Kenwood [TS-430S](#) HF transceiver, 160-10m, 100 watts. Great HF starter rig. Professionally serviced in 2017. \$350. Jim, WB6BET, 209-625-5771, WB6BET@arri.net.
- "BHI Noise Away," [Model ANEM MkII](#). receiver noise eliminator. \$100 o.b.o. WB6BET (above).
- Dennis, W6UT in Stockton is offering his impressive collection of restored Vibroplex *bugs* (semi automatic CW keys). See the photos and details in the [May Stockton-Delta newsletter](#), page 10.
- **Free:** commercial-quality 2 meter J-pole antenna, plus a matching 70 cm J-pole. Free to a new ham who wants to get beyond a simple handheld radio, starting with a good VHF/UHF base station antenna. Mike, N6ZW, N6ZW@arri.net.
- **Free:** HP Deskjet printer, model 845C, in working condition. [Click here](#) for info. Also a Supermicro Super-370SED motherboard with a Pentium III processor and more. N6ZW (above).

More free stuff: the club still has an assortment of antennas, antenna fittings, coax, and misc. other treasures from the Silent Key estate of WD6G. See the list in our [May newsletter](#) p. 11.

LINE FEED

(Editor's notes)

You saw it here first—as of May 20th, the FCC now requires that you get your FRN *before* you show up at an exam test session. If you know anyone planning to take his/her first license test, make sure that's understood. It was all explained in our [December 2020](#) newsletter on page 5.

Of course, you also need your own FRN if you're going for an upgrade, but then you already have it, right?. Can't find it? Just look up your call sign on QRZ.com, click *Detail*, then click *View FCC Record*.

While you're counseling any potential new hams about getting their FRN before heading to the exam site, mention that they'll also need their email ID, and don't leave home without it—it's mandatory as of June 29th. (And BTW, your email ID won't be visible online to the public; it will be hidden in your password-protected ULS account.)

Nice to see that some of the items in our *Swap Meet* listings are finding happy new owners, including several of **N6ZW's** free goodies. Mike has a few left, so get 'em while you can; you can't beat the price!

FB to **K6IWF** for volunteering as a new net control operator on the 7:00 pm Wednesday night net. That's a big step and significant achievement for a very new ham. And yes, I told you so—see my note at the top of page 8 in the [May newsletter](#).

Help Wanted (part 2). I announced in this column last month in that I will retire as your newsletter editor not later than the end of this year, so we need another member to step up and keep it going. It's understandable that doing the newsletter might seem like more than most members are willing or able to do, but it will actually be a lot easier than you think, even easier than what I've done. That's because we now have a talented volunteer with excellent composition skills who is ready to handle producing the newsletter in final form; all we need is one or more of you who will supply the content—the various announcements, news, technical hints, etc. Your writing ability doesn't need to be perfect; our volunteer will fine tune it as necessary—we just need some raw input. It can be one member or several, as long as you're willing to join the team and help get it done. Questions? Comments? Let me hear from you, please. Phone calls & text welcome, 209-712-6200.

Meanwhile, back at the *Swap Meet*, that d.c. power supply offered by **WB6TOU** should have been snatched up long ago. Please note that this is a *transformer* supply, not a switcher, which means it will probably still be working when your children sell it off in your Silent Key auction. My original one celebrated its 30th birthday last month and I still use it every day. New hams, you need one of these if you're looking to build a VHF/UHF base station like everyone else has, and Dave's deal is a remarkable bargain.

Until next time, 73 DE KG7OR

Don't forget to calculate, document, and save your maximum RF exposure measurements. See the [May 2021 newsletter](#), page 3. Here again are the online calculator tools:

http://hintlink.com/power_density.htm

https://www.gsl.net/co8tw/Coax_Calculator.htm

NET CONTROL STATIONS, JUNE – SEPTEMBER

Wednesday night 7:00 pm net control station (NCS) assignments:

<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sep</u>
02 N6TCE	07 K6AAN	04 K6AAN	01 N6TCE
09 K6AAN	14 WB6BET*	11 WB6BET*	08 K6AAN
16 WB6BET*	21 K6ZZD	18 K6ZZD	15 WB6BET*
23 N6TCE	28 N6TCE	25 N6TCE	22 K6ZZD
30 K6IWF			29 K6IWF

*Shared with KI6YYT

The net is conducted on the WB6ASU repeater near Valley Springs, linked on 147.09 and 444.25 mHz, PL 114.8.

Please note: if you need an early or proxy check-in on the net:

1. See the current newsletter for the assigned NCS on the desired date (schedule above).
2. Send him/her an email, as far in advance as possible, requesting the early check-in.
3. If you don't have that person's email ID, look it up by call sign on QRZ.com.

(Don't send your message to the club ID, LodiHams@gmail.com, which can cause delivery to the NCS to be delayed until it's too late. Instead, send it directly to the scheduled NCS.)

2021 NEWSLETTER INDEX

January – June issues

If you would like a resend of any issue, email a request to LodiHams@gmail.com, or download it on our website: <https://lodiarc.org/newsletter.php>.

<u>Subject</u>	<u>Month & Page Number</u>
• Antenna tuners	Mar 3
• ARES, San Joaquin County (see <i>SJCARES</i>)	
• Balloon project, WB6TOU	Jan 2, Feb 6, Mar 8
• Challenge, WAS, for 2021 (See <i>WAS</i>)	
• Contest, VHF, ARRL	Jan 8, Jun 2
• Contest, Sprint, 2-meter	Jan 9, May 6, Jun 6
• Credit for 2020 dues (see <i>Members</i>)	

• Dish antenna, satellite TV, what to do with	Mar 5
• Dues (see <i>Members</i>)	
• Exams, FCC license, VE test sessions	Jan 14, Feb 2, Mar 2, Apr 2
• Email, obsolete, lose your license	Apr 3
• Emergency communications; calling 911	Jan 6
• Field Day	Jun 4
• For the new ham	Feb 4, Mar 4, Apr 4, May 6, Jun 8
• HamCram (see <i>Exams</i>)	
• HT-1000 Motorola handheld (see <i>Radios</i>)	
• Last Word, The:	
Jan – wedding day	Jan 15
Feb – truck noise	Feb 17
Mar – XYL waiting at the door	Mar 13
Apr – bought a new transceiver	Apr 15
May – at the optometrist	May 18
Jun – at the FT8 convention	Jun 16
• Line Feed (editor's notes)	Jan 14, Feb 12, Mar 11, Apr 11, May 12, Jun 12
• Mark your calendar	Mar 10, Apr 10, May 9, Jun 10
• Members, 2020, dues credit	Jan 11
• Members, 2021, membership list	Apr 12
• Members, new, dues extended thru following year	Jan 10
• Mobile Roundup May 15th	May 2, Jun 6
• National Traffic System (NTS – see <i>Traffic</i>)	
• Net Control Station (NCS) schedule	Jun 13
• Net operations overview	Feb 3
• Net, 6 meters, new	Jun 3
• Now hear this! (info from the board)	Jan 8, Feb 7, Mar 7, Apr 7, May 4, Jun 4
• Payment procedure (dues & club expenses)	Jan 13, Feb 11, Mar 12, Apr 12, May 14, Jun 15
• Radios, HF & VHF, borrow from the club	Feb 9
• Readers, letters from	Apr 8, May 10
• RF exposure	Mar 5, May 3, Jun 12
• SJCARES	May 9
• <i>Skylarc</i> (see <i>Balloon</i>)	
• <i>Spring Sprint</i> (see <i>Contest</i> , <i>Sprint</i> , <i>2 meter</i>)	
• Swap Meet	Jan 12, Feb 10, Mar 9, Apr 9, May 10, Jun 11
• Traffic handling (formal message traffic)	Jun 7

• WAS (Worked All States) Challenge for 2021	Jan 9
• Why I became a ham:	
Chapter 2: N6ZW	Jan 7
Chapter 3: K6WEL	Feb 5
Chapter 4: N6TCE	Mar 6
Chapter 5: WB6TOU	Apr 6
Chapter 6: K6IWF	May 8
Chapter 7: KN6JKC	Jun 9

How to make a payment to the club

Your dues or other club expenses can easily be paid via PayPal. The PayPal procedure follows below, and please be sure that you don't skip step **#7** in the instructions. That's required to properly identify who the payment is from and what it's for. (It's not always obvious.)

Otherwise, payments can be given to the treasurer in person or sent via U.S. mail. Make your check or money order payable to "Lodi ARC." Dues rate: Regular: **\$20**. Family membership: **\$25**.

All payments are acknowledged by an email receipt. Payments may be mailed or delivered to the treasurer at:

Lodi Amateur Radio Club
2839 Bristol Lane
Lodi, CA 95242-9661

For any transaction at the treasurer's QTH, call 209-712-6200 in advance. If paying cash, bring the exact amount; the treasurer does not have change.

PAYPAL PROCEDURE:

1. Sign into your PayPal account and click the blue "Send" button.
2. In the "Send money" field, enter:
r7russ@gmail.com
3. On the next screen, enter the dollar amount.
4. If your PayPal account is set up to draw funds from your linked checking account or an existing PayPal balance, go to step #7.
5. If your payment will draw funds from a linked credit or debit card, notice the field labeled "Sending to a friend." Click "Change" to the right.
6. Click "Paying for an item or service."
7. **Important:** In the "Add a note" field, enter (a) your call sign, and (b) a brief explanation of what you're paying for.
8. Click "Continue."
9. Follow the prompts to send your payment.

ABOUT THE LODI AMATEUR RADIO CLUB



Web: <https://lodiarc.org>
Email: LodiHams@gmail.com



To become a member: https://lodiarc.org/membership_form.pdf

Our Board of Directors and key supporters for 2021:

President: **Barry Marson, K6ZZD**

Vice President: **Mike Dugger, K6AAN**

Secretary: **Jim Seiferling, WB6BET**

N6SVJ Call Sign Trustee: **Mike Zane, N6ZW**

147.09 Repeater: **Fred Coe, WB6ASU**

Immediate Past President: **Emilia Seiferling, KI6YYT**

Treasurer and Newsletter Editor: **Ron Russell, KG7OR**

Technical Committee: **Mark Cloud, W6SXA**

Media Committee: **Ron Simpson, N6GKJ**

Net Operations Committee: **Bob Officer, N6TCE**

THE LAST WORD



Attendees at the FT8 convention